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Minimum Qualification Specifications  
for the Class:

CRASH/FIRE EQUIPMENT MECHANIC

Experience Requirements:

General Experience: One (1) year of journeyman level automotive repair work experience which demonstrated knowledge of the theories and principles of both diesel and gasoline internal combustion engines; troubleshooting, repair and maintenance procedures for gas and diesel engines, brake systems, transmissions, and drive shafts; the use of hydraulic oil presses, gauges, gear or bearing pullers, testing equipment and tools used in the automotive repair trade; principles of electricity as applied to the electrical systems of automotive vehicles; occupational hazards and precautionary measures applicable to the automotive repair trade; and ability to perform the complete overhaul of gasoline engines and smaller diesel engines; locate and correct mechanical defects in gasoline and diesel driven automotive equipment; perform arc welding and simple body and fender repairs and interpret and work from drawings as well as from oral and written instructions.

Specialized Experience: One (1) year of independent specialized work experience in the maintenance and repair of crash/fire vehicles and auxiliary equipment. Work experience must demonstrate possession of knowledge of troubleshooting, repair and maintenance procedures for high pressure positive displacement and centrifugal pumps; and ability to read and comprehend crash/fire vehicle and equipment manufacturers' manuals for troubleshooting, repair, and operating procedures; repair synchronized dual engines; use volt-ohm meters, oscilloscopes and tools for electrical repair; maintain and repair equipment such as high pressure rotary and centrifugal pumps, turret controls, nozzles, and air compressors; express ideas verbally and clearly; and keep simple records.

Quality of Experience:

Possession of the required number of years of experience will not in itself be accepted as proof of qualification for a position. The applicant's overall experience must have been of such scope and level of responsibility as to conclusively demonstrate that he/she has the ability to perform the duties of the position for which he/she is being considered.

License Requirement:

Applicants must possess a valid Type B Commercial Driver's License with Endorsement N.

Selective Certification:

Specialized knowledge, skills and abilities may be required to perform the duties of some positions. In such positions, certification may be restricted to eligibles who possess the pertinent experience and/or training required to perform the duties of the position.

Agencies requesting selective certification must show the connection between the kind of training and/or experience on which they wish to base selective certification and the duties of the position to be filled.

Tests:

Applicants may be required to qualify on an appropriate examination.

Physical and Medical Requirements:

Applicants must be physically able to perform, efficiently and effectively, the essential duties of the position which typically require the ability to read without strain printed material the size of typewritten characters, glasses permitted, and the ability to hear the conversational voice, with or without a hearing aid, or the ability to compensate satisfactorily. Disabilities in these or other areas will not automatically result in disqualification. Those applicants who demonstrate that they are capable of performing the essential functions of the position will not be disqualified under this section.

Any condition which would cause applicants to be a hazard to themselves or others is cause for disqualification.

Any disqualification under this section will be made only after a review of all pertinent information including the results of the medical examination, and requires the approval of the Director.

Mental/Emotional Requirements:

All applicants must possess emotional and mental stability appropriate to the job duties and responsibilities and working conditions.

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This is an amendment to the minimum qualification specification for the class CRASH/FIRE EQUIPMENT MECHANIC, which was approved on April 23, 1991.

DATE APPROVED: 10/23/93      /s/ Ann K. Kon

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for SHARON Y. MIYASHIRO  
Director of Personnel Services